Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 23 Feb 2023 until 23:59 on Friday 24 Feb 2023

Forecast Issued on Wednesday 22 Feb 2023 at 14:43

Confidence: High for mainly dry and settled conditions. Medium for cloud details.

Headline for Thursday 23 Feb 2023: Dry and bright. Chilly winds over the tops.

Mountain weather hazards on Thursday 23 Feb 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Cloudy	Clear night	Sunny	Sunny	Sunny	Partly cloudy (night)	Cloudy
Precipitation probability							
10%	00%	00%	00%	00%	00%	00%	20%

Forecast for Thursday 23 Feb 2023

Weather: Overnight rain or showers, wintry over the tops, dying out with clearing skies by dawn with a touch of frost possible. Bright with good sunny spells, turning hazy at times later in the afternoon. Cloud thickening and lowering during the late evening with patchy summit cloud and occasional rain possible by midnight.

Chance of cloud-free hill tops above 600m: 90% or more becoming 50% late in the evening.

Low cloud and visibility: No significant cloud for much of the time, becoming occasional or extensive around 600m by midnight. Visibility very good or excellent becoming moderate or poor in any rain and summit cloud towards midnight.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 23 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/27 N	23/31 NE	19/27 NE	16/22 NE	11/16 N	10/14 NW	9/15 W	13/18 W	17/24 W
300	15/22 N	18/27 NE	16/26 NE	8/14 NE	9/14 N	9/13 NW	7/13 NW	9/13 SW	12/19 SW
Valley	10/22 N	13/28 NE	12/28 NE	7/16 N	7/13 N	7/13 NW	6/14 NW	4/10 W	6/15 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	1/-6	-0/-7	-0/-6	2/-3	2/-1	1/-4	0/-5	0/-6
300	4/-1	3/-2	2/-3	2/-1	4/1	5/2	3/0	2/-2	3/-2
Valley	4/1	4/-1	2/-2	3/0	6/3	6/4	3/1	2/0	3/1
Freezing Level*	800m	700m	500m	400m	500m	500m	500m	500m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Frost possible around dawn.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 22 Feb 2023	3.6mm	3.6mm	3.8mm

Forecast for Friday 24 Feb 2023

Weather: Cloudy with occasional rain overnight and during the morning. Turning drier, brighter and colder in the afternoon with a scattering of wintry showers.

Maximum wind: Northwest becoming Northeast 20mph gusting 30mph.

Chance of cloud-free hill tops above 600m: 30% becoming 80% in the afternoon.

Low cloud and visibility: Extensive cloud, base 300 to 600m, lifting and breaking above the tops in the afternoon. Visibility moderate to very poor in rain and cloud, becoming mostly very good in the afternoon.

Temperature: **Valleys:** Plus 5 Celsius rising to 9 Celsius, later Plus 2 Celsius
At 600m: Plus 3 Celsius lowering to Minus 1 Celsius later
Freezing level: Above the summits at first, lowering to around 400m by the end of the day.

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